L Number	Hits	Search Text	DB	Time stamp
1	987	(consecutive successive) near4 quality	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 17:31
2	2730318	power	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 16:50
3	41	((consecutive successive) near4 quality) same power	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 16:55
4	110	lqm (line adj quality adj monitor)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 16:55
5	35	power and (lqm (line adj quality adj monitor))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 16:56
6	32	(power and (lqm (line adj quality adj monitor))) not (((consecutive successive) near4 quality) same power)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 17:02
7	395	((consecutive successive) near4 quality) and power	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 17:02
8	71	1.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 17:04
9	36	power and 1.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 17:04
10	2452	(consecutive successive series) near4 quality	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 17:44
11	116	((consecutive successive series) near4 quality) same power	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 17:45
12	75	(((consecutive successive series) near4 quality) same power) not ((((consecutive successive) near4 quality) same power) (power and 1.clm.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 17:45

L Number	Hits	Search Text	DB	Time stamp
3	623	(consecutive successive) near3 quality	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 12:04
4	2730318	power	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 11:13
5	25	((consecutive successive) near3 quality) same power	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 11:13
6	15970	(consecutive successive sum$4 combin$5 add$4) near3 quality	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 12:05
7	584	((consecutive successive sum$4 combin$5 add$4) near3 quality) same power	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 12:06
8	509	6.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 12:06
9	622	6.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 12:06
10	1129	6.ti. 6.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 12:06
11	30	power same (6.ti. 6.clm.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 12:06

US-PAT-NO: 5893036

DOCUMENT-IDENTIFIER: US 5893036 A

TITLE: Transmission power control method

---------- KWIC ---------

Detailed Description Text - DETX (11):
    During the TCH 240 signaling, the mobile station 280
monitors existing
channel conditions and alters the transmission power
sub-step as appropriate
while remaining within the power step specified by the base
station 290. For
example, the bit-error rate (BER) of a received signal can
be measured by the
mobile station. If the BER is above a predetermined
threshold, obtained using
experimental data or simulation data, the mobile station
will use a maximum
power sub-step, such as power sub-step 5A, to increase
reliability. If,
however, the BER falls below the predetermined threshold,
the mobile station
will use a lower power sub-step, such as power sub-step 5B,
to conserve battery
energy. Other signal quality or channel condition
criteria, such as signal
strength or distance from the mobile station to the base
station, can be used
in addition to or instead of BER to determine when the
mobile station should
switch between power sub-steps. If, in an SACCH 246
signal, the base station
290 calls for a power step that does not correspond to any
sub-steps, the
mobile station 280 uses the requested power step at the
power level set in the
mobile station 280.

US-PAT-NO: 5604730

DOCUMENT-IDENTIFIER: US 5604730 A

TITLE: Remote transmitter power control in
a contention based
                          multiple access system
                                              ,

---------- KWIC ---------

Claims Text - CLTX (33):
    the base station instructing the remote transmitter to
monitor power control
information associated with a predefined slot of said
forward channel, said
power control information instructing the remote
transmitter to increase· the
power output if the sum of the reverse signal quality
metrics is less than the
maximum reverse channel signal quality metric.